

Page 1 of 1

All amounts are calculated in domestic currency.

All Line Item Types

[illegible]

Shipping Order

04/05/2015

METAUX SOLUTIONS INC
2625 BOUL JACQUES CARTIER EST
LONGUEUIL, QUEBEC
J4N 1L7
Tel. : 450 641-3330

Order : 105743
Reference : 28347
Ship : PICK UP / PICK UP

Customer : 6323336

Ship To

DART AEROSPACE LTD
1270, ABERDEEN STREET
HAWKESBURY, ONTARIO
K6A 1K7

Same

Tel.: 1 613 632-3336

Item No.	Description	Qty	Qty. Deliver	B/O Qty
MP124130N	4130 NORM PLATE .500 THICK AMS 6345 40 X 3" X 14" HT, R9091	11.68	11.68	

SHIP TST COLLECT
JP

6015-05-7

Shipping : _____
Package No : _____

Ref. : _____

Merchandise Received: _____

SHIP TO:

ARCELORMITTAL PLATE LLC

TEST CERTIFICATE

PAGE NO: 01 OF 02
FILE NO: 2765-01-1
MILL ORDER NO: 68866-001
MELT NO: R9091
DATE: 06/29/11

03

SOLD TO:

SEND TO:

01 C

PLATE DIMENSIONS / DESCRIPTION

TOTAL QTY	GAUGE	WIDTH	LENGTH	DESCRIPTION	PIECE WEIGHT
30	.5"	72"	144"	RECTANGLE	1470#

CUSTOMER INFORMATION

CUSTOMER PO: 031811MC

DAS

14

9-89

SPECIFICATION(S)

THIS MATERIAL HAS BEEN MANUFACTURED AND TESTED IN ACCORDANCE WITH PURCHASE ORDER REQUIREMENTS AND SPECIFICATION(S).

AMS 6345B YR 07 AIRCRAFT

UNS

AIRCRAFT QUALITY AMS 2501 REV. J ASTM A829

GRADE-4130 (AISI 4130) MILL S-18729C CONDITION N

THE MANAGEMENT SYSTEMS FOR MANUFACTURE OF THIS PRODUCT ARE CERTIFIED TO ISO 9001:2000 (CERTIFICATE NO. 30130) AND ISO 14001 (CERTIFICATE NO. 009496).

CHEMICAL COMPOSITION

	C	MN	P	S	CU	SI	NI	CR	MO
MELT: R9091	.30	.50	.010	.003	.12	.24	.09	.96	.20
PROD ANALYSIS	.31	.50	.010	.004	.11	.23	.08	.93	.19
	V	AL	CB						
MELT: R9091	.057	.016	.001						
PROD ANALYSIS	.054	.014	.001						

MANUFACTURE

ELECTRIC FURNACE QUALITY - FINELINE - VACUUM DEGASSED - FINE GRAIN PRACTICE - MCQUAID-EHN GRAIN SIZE PER E112 - 7-8

HEAT TREAT CONDITION

MATL OR TEST	HEAT TREAT DESCRIPTION	WOM TEMP	HOLD MINS	COOL MTHD
PL/TEST	NORMALIZE	1660F	28	AIR COOL

WE HEREBY CERTIFY THE ABOVE INFORMATION IS CORRECT:

ARCELORMITTAL PLATE LLC
QUALITY ASSURANCE LABORATORY
139 MODENA ROAD
COATESVILLE, PA 19320

Elinore Zaplitny
SUPERVISOR - TEST REPORTING
ELINORE ZAPLITNY

TEST CERTIFICATE

PAGE NO: 02 OF 02
 FILE NO: 2765-01-01
 MILL ORDER NO: 60866-001
 MELT NO: R9091
 DATE: 06/29/11

MECHANICAL PROPERTIES

BEND TEST - BOT./TRANS. - PASS

BEND TEST - TOP/LONG. - PASS

TENSILE PROPERTIES

LOC	DIR	YIELD STRENGTH PSI X 100	TENSILE STRENGTH PSI X 100	ELONGATION GAGE LGTH	%
BOT.	TRANS.	751	1159	2.00"	17.0
BOT.	TRANS.	770	1188	2.00"	18.0
TOP	TRANS.	748	1165	2.00"	16.0
TOP	TRANS.	776	1228	2.00"	17.0

DECARB TESTING

LOC	DEPTH	SURFACE	SUBSURFACE
BOT.	.013	0	0
BOT.	.008	0	0
TOP	.008	0	0
TOP	.007	0	0

OTHER METALLURGICAL AND MICROSTRUCTURAL TESTS

THERMAL RESPONSE TOP - 43 - GAUGE TESTED - .37500

THERMAL RESPONSE TOP - 41 - GAUGE TESTED - .37500

MAGNETIC PARTICLE - FREQUENCY .00001 - SEVERITY .00001

GENERAL INFORMATION

ALL STEEL HAS BEEN MELTED AND MANUFACTURED IN THE U.S.A.
 MATERIAL HAS BEEN VACUUM DEGASSED AND CALCIUM TREATED
 FOR SULFIDE SHAPE CONTROL.
 MAG.PART.FREQ. AND SEVERITY RATING PER AMS-2031J.
 FOR MORE INFORMATION AND PROCESSING GUIDELINES, REFER TO
 WWW.ARCELORMITTAL.COM/PLATEINFORMATION

B/L #44747 MAVERICK TRANSPORTATION

WE HEREBY CERTIFY THE ABOVE
 INFORMATION IS CORRECT:

ARCELORMITTAL PLATE LLC
 QUALITY ASSURANCE LABORATORY
 135 MODENA ROAD
 COATESVILLE, PA 19320

Elinore Zaplitny
 SUPERVISOR - TEST REPORTING
 ELINORE ZAPLITNY

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M4130
DATE: 1/5/09

PO / BATCH NO.: 28347/132232

MATERIAL CERT REC'D: yes
QUANTITY RECEIVED: 40
QUANTITY INSPECTED: 40
QUANTITY REJECTED: _____

THICKNESS ORDERED: .500x3.00
THICKNESS RECEIVED: .500x3.00
SHEET SIZE ORDERED: _____
SHEET SIZE RECEIVED: _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="checkbox"/> N	
CORRECT FINISH	<input checked="" type="checkbox"/> Y	N	
CORROSION	Y	<input checked="" type="checkbox"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y	N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y	N	
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y	N	
PHOTO REQUIRED	Y	<input checked="" type="checkbox"/> N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y	N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y	N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y	N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>14</u> DATE: <u>1/5/09</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO28347**

Purchase Order Date 5/7/2015 8:59:00 AM

PO Print Date 5/4/2015

Page Number 1 of 2

Order From :

METAUX SOLUTIONS
2625 BOUL JACQUES-CARTIER EST
LONGUEUIL, QC J4N 1L7
CA

VC-MET002

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

PAID

Contact Name

Vendor Phone 800 558 8858

Ship To Contact

Ship To Phone

Ship Via: TST Overland

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M4130NB0.500X03.000	4130 Bar 0.500 x 3.00	5/7/2015 Yes 5/7/2015		48.00 f	\$29.95	\$1,437.60
MATERIAL: AISI-4130N-STEEL BAR PER MIL-S-6758 OR AMS 6345/6348/6370/6528							
40 PCS CUT TO SIZE 14"							
Line Total:							\$1,437.60
2	71401-45	PROCUREMENT QUALITY CLAUSES	5/7/2015 No 5/7/2015		1.00	\$0.00	\$0.00
Procurement Quality Clauses A005 right of entry A012 chemical and physical test report A016 personnel qualification A017 raw material identification (as applicable) A026 certification of material conformance A041 quality management system A042 dart notification by supplier A043 retention of quality document							

8015-05-7

Note:

5/4/2015



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Page Number 2 of 2

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2625 BOUL JACQUES-CARTIER EST
LONGUEUIL, QC J4N 1L7
CA

VC-MET002

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 800 558 8858

Ship To Contact
Ship To Phone
Ship Via: TST Overland
Ship Acct:

Buyer
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency CAD
FOB Destination-Collect

Line Total: \$0.00

PO Total: \$1,437.60

CL W

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 1

Change Date: 5/4/2015